GOLDACRES

Pathway

FARM - GARDEN - INDUSTRIAL

PATHWAY **12 Volt**
OPERATORS MANUAL

For further information about any of the products shown please visit - www.goldacres.com.au.

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Chapter 1

INTRODUCTION

Welcome

Congratulations on your purchase of your new sprayer. I am proud of the reputation that Pathway/Goldacres has established for providing technologically advanced equipment to a wide variety of industries.

This operators manual has been designed to ensure that you will get the optimum performance from your equipment. Please take the time to read and understand this manual prior to using your equipment.

For further information on the Pathway/Goldacres product range, please visit our website: www.goldacrespathway.com.au

STEPHEN RICHARDS

General Manager
Pathway St Arnaud

GOLDACRES/PATHWAY INSTALLATION AND WARRANTY REGISTRATION

This warranty registration form must be returned to Goldacres by the owner/operator within 14 days of taking delivery of the product. Only when warranty registration is completed and returned, can Goldacres fulfill all warranty obligations.

Dealer: _____

Address: _____ Postcode: _____

Product Description: _____ Serial No: _____

Predelivered and Inspected by: (Name) _____

(Sign) _____ (Date) _____

WARRANTY TERMS AND CONDITIONS

Goldacres/Pathway Goods described are only available for purchase upon the warranty terms and conditions set out below.

Interpretation

1. In these warranty terms and conditions:
   (1) **"Goldacres"** or **"Pathway"** means Goldacres Trading Pty. Ltd. A.C.N. 061 306 732 of 1-3 North Western Rd., St. Arnaud; trading as Goldacres Agricultural Equipment (its successors and assigns) which is the seller of the Goods;
   (2) **"Purchaser"** means the purchaser of the Goods;
   (3) **"Goods"** means the product and, if nay, the services provided;
   (4) Nothing in these warranty terms and conditions shall be read or applied so as to exclude, restrict or modify or have the effect of excluding, restricting or modifying, any condition, warranty, guarantee, right or remedy implied by law (including the Trade Practices Act 1974) and which by law cannot be excluded, restricted or modified.

General

2. (1) These warranty terms and conditions (which shall only be waived in writing signed by Goldacres/Pathway) shall prevail over all terms and conditions of the purchaser to the extent of any inconsistency.
   (2) This warranty may not be modified or added to without the expressed written consent endorsed hereon of the Managing Director of Goldacres Trading P/L.

Warranty Terms

3. The warranty relating to the Goods and all other products sold and, if any, services sold or provided by Goldacres/Pathway are contained in these warranty terms and conditions.

Specifications, etc: Catalogues, etc: Quantities

4. All specifications, (without limiting the generality of same – including: drawings, particulars of weights, volumes, capacities, dimensions, load factors) are approximate only and any deviation shall not be taken to vitiate any contract with Goldacres/Pathway or form any claim against Goldacres/Pathway. The descriptions, illustrations and performances contained in catalogues, price lists and other advertising matter do not form part of the contract of sale of the Goods. Where specifications, drawings or other particulars are supplied by Purchaser, Goldacres/Pathway' price is made on estimates of quantities required. Should there be any adjustments in quantities above or below the quantities estimated by Goldacres/Pathway and set out in a quotation, then any such increase or decrease shall be adjusted on a unit rate basis according to unit prices set out herein.

Performance, Capacities, Chemicals, Liquids, Application Methods, Environmental Effects

5. Any performance, volumes, and/or capacity figures given by Goldacres/Pathway are estimates only. Goldacres/Pathway shall be under no liability for damages for failure to obtain such figures unless specifically guaranteed in writing and any such written guarantee shall be subject to the recognised tolerances applicable to such figures. The suitability of chemicals and other liquids for any application and the application methods and the environmental effects shall be sole decision and responsibility of the purchaser and the user of the Goods. Goldacres/Pathway gives no warranty as to the suitability of any chemicals or other liquids for any application, nor the application methods nor the environmental effects which may result from the use of the Goods. Goldacres/Pathway shall be under no liability for damages arising out of the use of any chemicals, liquids or mixtures in the Goods nor for any application, nor for the application methods nor for the environmental effects which may result from the use of the Goods.

Limit of Liability

6. (1) Goldacres/Pathway liability for Goods manufactured by it is limited to making good any defects by repairing the same or at Goldacres/Pathway option by replacement within a period not exceeding either 1000 hours or twelve calendar months, whichever comes first, after the Goods have been dispatched provided that:
   (a) the defects have arisen solely from faulty materials or workmanship;
   (b) the Goods have not received maltreatment inattention or interference;
   (c) accessories of any kind used by the purchaser are manufactured or approved by Goldacres/Pathway;
   (d) where applicable, the seals on the Goods remain unbroken;
   (e) there has been no improper adjustment, calibration or operation;
   (f) the use of accessories including consumables, hardware or software (not manufactured by Goldacres/Pathway) has been approved in writing by Goldacres/Pathway;
   (g) no contamination or leakage has been caused or induced;
   (h) any modification to the Goods have been authorised in writing by Goldacres/Pathway;
   (i) there has been no inadequate or incorrect use, storage, handling or application of the Goods;
   (j) there has been no use or operation of the Goods outside of the physical, electrical or environmental specifications of the Goods;
   (k) there has been no inadequate or incorrect site preparations;
   (l) there has been no inadequate or improper maintenance of the Goods;
   (m) it has not been caused by fair wear and tear; and
   (n) firstly the Goods have been thoroughly inspected and any damage (from whatever cause) to the Goods (and in particular – the structure, welding, seams, bolts, booms) has been repaired prior to the Goods being operated, used driven or moved and on each occasion the tanks are filled; and
   (o) there has been no failure to comply with the requirements of all present or future laws or regulations relating to the Goods and/or the use and/or the operation of the Goods; and
   (p) there has been no failure to maintain a record of hours of operation (which record shall contain full details of all inspections, repairs and maintenance) and produce same to Goldacres/Pathway at the time of the warranty claim;
   (q) the defective Goods or any damaged part of the Goods are promptly returned free of cost to Goldacres/Pathway or a representative of Goldacres/Pathway;
   (r) all warranty related repairs have been carried out with the prior authorisation of Goldacres/Pathway;
   (2) if Goods or any part thereof are not manufactured by Goldacres/Pathway, in particular engines, engine accessories, transmissions, transfer cases, differentials, tyres, tubes, batteries and radios and UHFs, the guarantee of the manufacturer thereof shall be accepted by the purchaser and is the only guarantee given to the purchaser in respect of the Goods or that part;
   (3) in the case of hydraulic systems, Goldacres/Pathway shall replace defective parts in accordance with section 6(1) of these conditions, provided that the failure of the part was not related to contamination within the system, Goldacres/Pathway shall not be liable for labour in the case of repairing hydraulic system defects;
   (4) this warranty does not extend to components considered as normal wear items including, but not limited to nozzles, chains, belts, filters, brake pads, polyethylene bushes and liquid pump valves, valve O-rings, diaphragms and seals;
   (5) Goldacres/Pathway shall not be liable for and the purchaser releases Goldacres/Pathway from any claims in respect of faulty or defective design of any Goods supplied unless such a design has been wholly prepared by Goldacres/Pathway and the responsibility for any claim has been specifically accepted by Goldacres/Pathway in writing and in any event Goldacres/Pathway liability hereunder shall be strictly limited to the replacement of defective parts in accordance with paragraph 6 (1) of these conditions;
   (6) except as provided herein, all express and implied warranties, guarantees and conditions under statute or general law as to the merchantability, description, quality, suitability or fitness of the Goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are hereby expressly excluded and Goldacres/Pathway shall not be liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, layout, assembly, installation or operation of the Goods or arising out of Goldacres/Pathway negligence or in any other way whatsoever;
   (7) this warranty shall only be available to the Purchaser and shall not be transferable by the Purchaser;
   (8) this warranty in no way extends to any used Goods.

7. Goldacres/Pathway liability for a breach of condition or warranty implied by Div. 2 of Pt. 5 of the Trade Practices Act 1974 (other than s 69) is hereby limited to:
   (1) in the case of Goods, any one or more of the following:
      (a) the replacement of the Goods or the supply of equivalent Goods;
      (b) the repair of the Goods;
      (c) the payment of the cost of replacing the Goods or acquiring the equivalent Goods;
      (d) the payment of having the Goods repaired; or
   (2) in the case of services;
      (a) the supplying of the services again; or
      (b) the payment of the cost of having the services supplied again.

8. Goldacres/Pathway liability under s 68A and s 74H of the Trade Practices Act 1974 is expressly limited to a liability to pay to the purchaser an amount equal to:
   (1) the cost of replacing the Goods;
   (2) the cost of obtaining the equivalent Goods; or
   (3) the cost of having the Goods repaired, whichever is the lowest amount.

IMPORTANT:
By executing this Warranty Registration:

1 The Owner
(a) Agrees that the Owner will read the Operator's Manual before using the Product; will follow all procedures in the operator's manual for the use of the Product, and will exercise due care in the use of the Product;
(b) Agrees that Goldacres/Pathway liability for any loss or damage suffered by the Owner in connection with the Owner's use of the Product is limited to the cost of repair or replacement of the Product.
(c) Agrees that the Owner will bear any loss the Owner suffers as a consequence of any failure by the Owner to comply with 1. (a) above;
(d) Acknowledges that the owner is trained and is fully responsible for the safe and correct operation of the Product; and
(e) Agrees that the Owner will fully train any person who might be required to operate the Product as to how to operate the Product in a safe and proper manner.

2 The Dealer undertakes that the Dealership has met the obligations of Product pre-delivery, installation, service and warranty start up.

OWNER:

Owner's Name: (Print) _____

_____

Address: _____

_____ Postcode: _____

Phone: _____ Mobile: _____

Email: _____

Signature of Owner:

_____

Date: _____

❑ Please advise me of updates that relate to my product

DEALERSHIP:

Dealership Name: (Print) _____

_____

Address: _____

_____ Postcode: _____

Phone: _____ Mobile: _____

Email: _____

Signature of Dealer Representative:

_____

Date: _____

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GOLDACRES/PATHWAY INSTALLATION AND WARRANTY REGISTRATION

This warranty registration form must be returned to Goldacres by the owner/operator within 14 days of taking delivery of the product. Only when warranty registration is completed and returned, can Goldacres fulfill all warranty obligations.

Dealer: _____

Address: _____ Postcode: _____

Product Description: _____ Serial No: _____

Predelivered and Inspected by: (Name) _____

(Sign) _____ (Date) _____

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   (2) **"Purchaser"** means the purchaser of the Goods;
   (3) **"Goods"** means the product and, if nay, the services provided;
   (4) Nothing in these warranty terms and conditions shall be read or applied so as to exclude, restrict or modify or have the effect of excluding, restricting or modifying, any condition, warranty, guarantee, right or remedy implied by law (including the Trade Practices Act 1974) and which by law cannot be excluded, restricted or modified.

General

2. (1) These warranty terms and conditions (which shall only be waived in writing signed by Goldacres/Pathway) shall prevail over all terms and conditions of the purchaser to the extent of any inconsistency.
   (2) This warranty may not be modified or added to without the expressed written consent endorsed hereon of the Managing Director of Goldacres Trading P/L.

Warranty Terms

3. The warranty relating to the Goods and all other products sold and, if any, services sold or provided by Goldacres/Pathway are contained in these warranty terms and conditions.

Specifications, etc: Catalogues, etc: Quantities

4. All specifications, (without limiting the generality of same – including: drawings, particulars of weights, volumes, capacities, dimensions, load factors) are approximate only and any deviation shall not be taken to vitiate any contract with Goldacres/Pathway or form any claim against Goldacres/Pathway. The descriptions, illustrations and performances contained in catalogues, price lists and other advertising matter do not form part of the contract of sale of the Goods. Where specifications, drawings or other particulars are supplied by Purchaser, Goldacres/Pathway' price is made on estimates of quantities required. Should there be any adjustments in quantities above or below the quantities estimated by Goldacres/Pathway and set out in a quotation, then any such increase or decrease shall be adjusted on a unit rate basis according to unit prices set out herein.

Performance, Capacities, Chemicals, Liquids, Application Methods, Environmental Effects

5. Any performance, volumes, and/or capacity figures given by Goldacres/Pathway are estimates only. Goldacres/Pathway shall be under no liability for damages for failure to obtain such figures unless specifically guaranteed in writing and any such written guarantee shall be subject to the recognised tolerances applicable to such figures. The suitability of chemicals and other liquids for any application and the application methods and the environmental effects shall be sole decision and responsibility of the purchaser and the user of the Goods. Goldacres/Pathway gives no warranty as to the suitability of any chemicals or other liquids for any application, nor the application methods nor the environmental effects which may result from the use of the Goods. Goldacres/Pathway shall be under no liability for damages arising out of the use of any chemicals, liquids or mixtures in the Goods nor for any application, nor for the application methods nor for the environmental effects which may result from the use of the Goods.

Limit of Liability

6. (1) Goldacres/Pathway liability for Goods manufactured by it is limited to making good any defects by repairing the same or at Goldacres/Pathway option by replacement within a period not exceeding either 1000 hours or twelve calendar months, whichever comes first, after the Goods have been dispatched provided that:
   (a) the defects have arisen solely from faulty materials or workmanship;
   (b) the Goods have not received maltreatment inattention or interference;
   (c) accessories of any kind used by the purchaser are manufactured or approved by Goldacres/Pathway;
   (d) where applicable, the seals on the Goods remain unbroken;
   (e) there has been no improper adjustment, calibration or operation;
   (f) the use of accessories including consumables, hardware or software (not manufactured by Goldacres/Pathway) has been approved in writing by Goldacres/Pathway;
   (g) no contamination or leakage has been caused or induced;
   (h) any modification to the Goods have been authorised in writing by Goldacres/Pathway;
   (i) there has been no inadequate or incorrect use, storage, handling or application of the Goods;
   (j) there has been no use or operation of the Goods outside of the physical, electrical or environmental specifications of the Goods;
   (k) there has been no inadequate or incorrect site preparations;
   (l) there has been no inadequate or improper maintenance of the Goods;
   (m) it has not been caused by fair wear and tear; and
   (n) firstly the Goods have been thoroughly inspected and any damage (from whatever cause) to the Goods (and in particular – the structure, welding, seams, bolts, booms) has been repaired prior to the Goods being operated, used driven or moved and on each occasion the tanks are filled; and
   (o) there has been no failure to comply with the requirements of all present or future laws or regulations relating to the Goods and/or the use and/or the operation of the Goods; and
   (p) there has been no failure to maintain a record of hours of operation (which record shall contain full details of all inspections, repairs and maintenance) and produce same to Goldacres/Pathway at the time of the warranty claim;
   (q) the defective Goods or any damaged part of the Goods are promptly returned free of cost to Goldacres/Pathway or a representative of Goldacres/Pathway;
   (r) all warranty related repairs have been carried out with the prior authorisation of Goldacres/Pathway;
   (2) if Goods or any part thereof are not manufactured by Goldacres/Pathway, in particular engines, engine accessories, transmissions, transfer cases, differentials, tyres, tubes, batteries and radios and UHFs, the guarantee of the manufacturer thereof shall be accepted by the purchaser and is the only guarantee given to the purchaser in respect of the Goods or that part;
   (3) in the case of hydraulic systems, Goldacres/Pathway shall replace defective parts in accordance with section 6(1) of these conditions, provided that the failure of the part was not related to contamination within the system, Goldacres/Pathway shall not be liable for labour in the case of repairing hydraulic system defects;
   (4) this warranty does not extend to components considered as normal wear items including, but not limited to nozzles, chains, belts, filters, brake pads, polyethylene bushes and liquid pump valves, valve O-rings, diaphragms and seals;
   (5) Goldacres/Pathway shall not be liable for and the purchaser releases Goldacres/Pathway from any claims in respect of faulty or defective design of any Goods supplied unless such a design has been wholly prepared by Goldacres/Pathway and the responsibility for any claim has been specifically accepted by Goldacres/Pathway in writing and in any event Goldacres/Pathway liability hereunder shall be strictly limited to the replacement of defective parts in accordance with paragraph 6 (1) of these conditions;
   (6) except as provided herein, all express and implied warranties, guarantees and conditions under statute or general law as to the merchantability, description, quality, suitability or fitness of the Goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are hereby expressly excluded and Goldacres/Pathway shall not be liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, layout, assembly, installation or operation of the Goods or arising out of Goldacres/Pathway negligence or in any other way whatsoever;
   (7) this warranty shall only be available to the Purchaser and shall not be transferable by the Purchaser;
   (8) this warranty in no way extends to any used Goods.

7. Goldacres/Pathway liability for a breach of condition or warranty implied by Div. 2 of Pt. 5 of the Trade Practices Act 1974 (other than s 69) is hereby limited to:
   (1) in the case of Goods, any one or more of the following:
   (a) the replacement of the Goods or the supply of equivalent Goods;
   (b) the repair of the Goods;
   (c) the payment of the cost of replacing the Goods or acquiring the equivalent Goods;
   (d) the payment of having the Goods repaired; or
   (2) in the case of services;
   (a) the supplying of the services again; or
   (b) the payment of the cost of having the services supplied again.

8. Goldacres/Pathway liability under s 68A and s 74H of the Trade Practices Act 1974 is expressly limited to a liability to pay to the purchaser an amount equal to:
   (1) the cost of replacing the Goods;
   (2) the cost of obtaining the equivalent Goods; or
   (3) the cost of having the Goods repaired, whichever is the lowest amount.

IMPORTANT:
By executing this Warranty Registration:

1 The Owner

(a) Agrees that the Owner will read the Operator's Manual before using the Product; will follow all procedures in the operator's manual for the use of the Product, and will exercise due care in the use of the Product;
(b) Agrees that Goldacres/Pathway liability for any loss or damage suffered by the Owner in connection with the Owner's use of the Product is limited to the cost of repair or replacement of the Product.
(c) Agrees that the Owner will bear any loss the Owner suffers as a consequence of any failure by the Owner to comply with 1. (a) above;
(d) Acknowledges that the owner is trained and is fully responsible for the safe and correct operation of the Product; and
(e) Agrees that the Owner will fully train any person who might be required to operate the Product as to how to operate the Product in a safe and proper manner.

2 The Dealer undertakes that the Dealership has met the obligations of Product pre-delivery, installation, service and warranty start up.

OWNER:

Owner's Name: (Print) _____

_____

Address: _____

_____ Postcode: _____

Phone: _____ Mobile: _____

Email: _____

Signature of Owner:

_____

Date: _____

❑ Please advise me of updates that relate to my product

DEALERSHIP:

Dealership Name: (Print) _____

_____

Address: _____

_____ Postcode: _____

Phone: _____ Mobile: _____

Email: _____

Signature of Dealer Representative:

_____

Date: _____

OWNER COPY

GOLDACRES/PATHWAY
TERMS AND CONDITIONS OF SALE

Goldacres/Pathway Goods are only available for purchase upon the terms and conditions set out below.

Interpretation

1. In these warranty terms and conditions:
   (1) **"Goldacres"** or **"Pathway"** means Goldacres Trading Pty. Ltd. A.C.N. 061 306 732 of 1-3 North Western Rd., St. Arnaud; trading as Goldacres Agricultural Equipment (its successors and assigns) which is the seller of the Goods;
   (2) **"Purchaser"** means the purchaser of the Goods;
   (3) **"Goods"** means the product and, if nay, the services provided;
   (4) Nothing in these warranty terms and conditions shall be read or applied so as to exclude, restrict or modify or have the effect of excluding, restricting or modifying, any condition, warranty, guarantee, right or remedy implied by law (including the Trade Practices Act 1974) and which by law cannot be excluded, restricted or modified.

General

2. (1) These warranty terms and conditions (which shall only be waived in writing signed by Goldacres/Pathway) shall prevail over all terms and conditions of the purchaser to the extent of any inconsistency.
   (2) This warranty may not be modified or added to without the expressed written consent endorsed hereon of the Managing Director of Goldacres Trading P/L.

Warranty Terms

3. The warranty relating to the Goods and all other products sold and, if any, services sold or provided by Goldacres/Pathway are contained in these warranty terms and conditions, and additional terms and conditions as described by the documents "Pathway Forklifts warranty terms and conditions" or "Pathway Pumps warranty terms and conditions".

Specifications, etc: Catalogues, etc: Quantities

4. All specifications, (without limiting the generality of same – including: drawings, particulars of weights, volumes, capacities, dimensions, load factors) are approximate only and any deviation shall not be taken to vitiate any contract with Goldacres/Pathway or form any claim against Goldacres/Pathway. The descriptions, illustrations and performances contained in catalogues, price lists and other advertising matter do not form part of the contract of sale of the Goods. Where specifications, drawings or other particulars are supplied by Purchaser, Goldacres/Pathway' price is made on estimates of quantities required. Should there be any adjustments in quantities above or below the quantities estimated by Goldacres/Pathway and set out in a quotation, then any such increase or decrease shall be adjusted on a unit rate basis according to unit prices set out herein.

Performance, Capacities, Chemicals, Liquids, Application Methods, Environmental Effects

5. Any performance, volumes, and/or capacity figures given by Goldacres/Pathway are estimates only. Goldacres/Pathway shall be under no liability for damages for failure to obtain such figures unless specifically guaranteed in writing and any such written guarantee shall be subject to the recognised tolerances applicable to such figures. The suitability of chemicals and other liquids for any application and the application methods and the environmental effects shall be sole decision and responsibility of the purchaser and the user of the Goods. Goldacres/Pathway gives no warranty as to the suitability of any chemicals or other liquids for any application, nor the application methods nor the environmental effects which may result from the use of the Goods. Goldacres/Pathway shall be under no liability for damages arising out of the use of any chemicals, liquids or mixtures in the Goods nor for any application, nor for the application methods nor for the environmental effects which may result from the use of the Goods.

Limit of Liability

6. (1) Goldacres/Pathway liability for Goods manufactured by it is limited to making good any defects by repairing the same or at Goldacres/Pathway option by replacement within a period not exceeding either 1000 hours or twelve calendar months, whichever comes first, after the Goods have been dispatched provided that:
   (a) the defects have arisen solely from faulty materials or workmanship;
   (b) the Goods have not received maltreatment inattention or interference;
   (c) accessories of any kind used by the purchaser are manufactured or approved by Goldacres/Pathway;
   (d) where applicable, the seals on the Goods remain unbroken;
   (e) there has been no improper adjustment, calibration or operation;
   (f) the use of accessories including consumables, hardware or software (not manufactured by Goldacres/Pathway) has been approved in writing by Goldacres/Pathway;
   (g) no contamination or leakage has been caused or induced;
   (h) any modification to the Goods have been authorised in writing by Goldacres/Pathway;
   (i) there has been no inadequate or incorrect use, storage, handling or application of the Goods;
   (j) there has been no use or operation of the Goods outside of the physical, electrical or environmental specifications of the Goods;
   (k) there has been no inadequate or incorrect site preparations;
   (l) there has been no inadequate or improper maintenance of the Goods;
   (m) it has not been caused by fair wear and tear; and
   (n) firstly the Goods have been thoroughly inspected and any damage (from whatever cause) to the Goods (and in particular – the structure, welding, seams, bolts, booms) has been repaired prior to the Goods being operated, used driven or moved and on each occasion the tanks are filled; and
   (o) there has been no failure to comply with the requirements of all present or future laws or regulations relating to the Goods and/or the use and/or the operation of the Goods; and
   (p) there has been no failure to maintain a record of hours of operation (which record shall contain full details of all inspections, repairs and maintenance) and produce same to Goldacres/Pathway at the time of the warranty claim;
   (q) the defective Goods or any damaged part of the Goods are promptly returned free of cost to Goldacres/Pathway or a representative of Goldacres/Pathway;
   (r) all warranty related repairs have been carried out with the prior authorisation of Goldacres/Pathway;
   (2) if Goods or any part thereof are not manufactured by Goldacres/Pathway, in particular engines, engine accessories, transmissions, transfer cases, differentials, tyres, tubes, batteries and radios and UHFs, the guarantee of the manufacturer thereof shall be accepted by the purchaser and is the only guarantee given to the purchaser in respect of the Goods or that part;
   (3) in the case of hydraulic systems, Goldacres/Pathway shall replace defective parts in accordance with section 6(1) of these conditions, provided that the failure of the part was not related to contamination within the system, Goldacres/Pathway shall not be liable for labour in the case of repairing hydraulic system defects;
   (4) this warranty does not extend to components considered as normal wear items including, but not limited to nozzles, chains, belts, filters, brake pads, polyethylene bushes and liquid pump valves, valve O-rings, diaphragms and seals;
   (5) Goldacres/Pathway shall not be liable for and the purchaser releases Goldacres/Pathway from any claims in respect of faulty or defective design of any Goods supplied unless such a design has been wholly prepared by Goldacres/Pathway and the responsibility for any claim has been specifically accepted by Goldacres/Pathway in writing and in any event Goldacres/Pathway liability hereunder shall be strictly limited to the replacement of defective parts in accordance with paragraph 6 (1) of these conditions;
   (6) except as provided herein, all express and implied warranties, guarantees and conditions under statute or general law as to the merchantability, description, quality, suitability or fitness of the Goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are hereby expressly excluded and Goldacres/Pathway shall not be liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, layout, assembly, installation or operation of the Goods or arising out of Goldacres/Pathway negligence or in any other way whatsoever;
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      (b) the repair of the Goods;
      (c) the payment of the cost of replacing the Goods or acquiring the equivalent Goods;
      (d) the payment of having the Goods repaired; or
   (2) in the case of services;
      (a) the supplying of the services again; or
      (b) the payment of the cost of having the services supplied again.

8. Goldacres/Pathway liability under s 68A and s 74H of the Trade Practices Act 1974 is expressly limited to a liability to pay to the purchaser an amount equal to:
   (1) the cost of replacing the Goods;
   (2) the cost of obtaining the equivalent Goods; or
   (3) the cost of having the Goods repaired, whichever is the lowest amount.

Chapter 2

SAFETY

General

The following pages outline important safety information. At Pathway/Goldacres safety is a high priority. These safety and warning instructions MUST be followed to ensure the safe operation of your Pathway/Goldacres equipment.

Explanation of key terms used in this operator's manual are:

Danger

You will be killed or seriously hurt if you don't follow instructions

Warning

You can be seriously hurt if you don't follow instructions

Caution

You can be hurt if you don't follow instructions

Note

Is used to notify people of installation, operation or maintenance information that is important but not hazard related.

The Operator

All operators of this equipment should be adequately trained in the safe operation of this equipment. It is important that all operator's have read and fully understand the operators manual prior to using this equipment.

All new operators should be trained in an area without bystanders or obstructions and become familiar with the sprayer prior to operation.

Safety Precautions

Notes

- Always read and understand the operator's manual prior to operation of this equipment.
- It is the responsibility of the operator to ensure that there are no decals missing from the equipment and that any damaged or missing decals are replaced prior to operation.
- Pathway/Goldacres equipment ordered or operated, outside the guideline limitations may not be warranted by Pathway/Goldacres for successful performance. Operators working outside these limitations do so at their own risk, unless specific advice has been sought from and provided by Pathway/Goldacres in writing.
- Always read and follow the chemical manufacturer's guidelines for safe application as per the chemical label. Particular attention should be given to the recommended target application rate of the chemical being applied as per the chemical label.
- Inspect the equipment thoroughly for damage and wear before operation.
- Flush chemicals from equipment immediately after use.
- Certain chemicals may be unsuitable for use with Pathway/Goldacres standard plumbing designs. Consult your Pathway/Goldacres dealer if in doubt.
- Do not operate the equipment while under the influence of any drugs, alcohol or if excessively tired.
- Make sure that the equipment complies with all relevant road regulations when transporting.
- When draining fluids from the equipment use appropriate, leak proof containers. Do not use food or beverage containers as someone may consume the contents by mistake.
- After reading the operator's manual if there is any thing that you do not understand please contact your Pathway/Goldacres dealer or Pathway/Goldacres.

Warnings

- FOR QUAD USE REFER TO THE QUAD OPERATORS MANUAL.
- Any unauthorised modifications to this equipment may affect its function and create a serious safety risk.
- Never attempt to clean parts or nozzles, by blowing with mouth.
- Never attempt to siphon chemicals, or substances, by sucking.
- It is imperative that the vehicle manufacturer's specifications be checked and all instructions for use when transporting, or towing, be adhered to at all times.
- Care should be taken when transferring liquid into the tank to ensure that the gross weight of the equipment does not exceed the carrying, braking and/or towing capacity of the vehicle to which the equipment is attached as specified by the vehicle manufacturer.

NOTE: 1 LITRE WATER = 1KG.

- Water weighs 1kg per litre, however conversion factors must be used when spraying liquids that are heavier or lighter than water. Example: liquid area has a density of 1.28 kg/L and will therefore be significantly heavier than water if the tank is filled completely.
- Suitable care should be taken when driving with the equipment attached to the vehicle. Consideration should be given to both the carrying capacity of the vehicle and the gradient of the terrain when determining

Warnings (continued)

the speed at which the vehicle can be driven safely.

- Ensure that the maximum speed of the vehicle, when loaded, is within the vehicle manufacturers limitations.
- Ensure equipment is securely fastened, or attached to the vehicle at all times.
- Never stand within the radius of boom wings.
- Regularly check the pump mounting bolts. The pump will always vibrate to some degree when operating, and this may work the bolts loose.

Cautions

- A supply of fresh water should be with the equipment at all times.
- Standard polyethylene tanks are not designed for use with diesel fuel or any flammable liquid.
- Do not use this machine in ambient temperatures exceeding 40 degrees Celsius.
- Ensure that all bolts are tightened and secured before operation.
- The nozzles supplied with this equipment may not suit all chemical applications. Always ensure that the nozzles that are fitted match the recommended spray quality on the chemical label.
- Where fitted, always ensure that the boom (where fitted) is securely supported when travelling.
- Area surrounding equipment may become slippery when wet.

Safe use of chemicals

The safe use of AgVet chemicals with this equipment is the responsibility of the owner/operators. All operators should be trained in the safe use of AgVet chemicals. Pathway/Goldacres suggest that a relevant ChemCert course is completed by owners/operators prior to operation of this equipment as a spray unit.

ChemCert Course Overview:

The ChemCert course is aimed at providing the level of training needed by producers to make sure that they understand the requirements to use agricultural and veterinary chemicals safely and effectively.

The course also encourages people to think about using alternatives to chemicals in their production systems by taking a risk management approach.

The ChemCert course has become the industry standard for AgVet chemical training. Satisfactory completion of the ChemCert AgVet Chemical Users Course results in ChemCert registration and the award by the training provider of a Statement of Attainment for two nationally recognised competency standards:

RTC 3704A - Prepare and apply chemicals

RTC 3705A - Transport, handle and store chemicals.

The ChemCert course is generally delivered by trainers over two days, plus additional assessment activities.

Further information on ChemCert courses can be supplied by the ChemCert organisation in your state:

Victoria:

www.chemcertvic.org.au

Ph: 03 5622 2055

South Australia:

www.chemcertsa.com.au

Ph: (08) 8842 4048

Queensland:

www.chemcertqld.org.au

Ph: (07) 5466 5850

Western Australia:

www.chemcertwa.com.au

Ph: (08) 9341 5325

New South Wales:

www.chemcert.com.au

Ph: (02) 9387 4714

Personal Protective Equipment (PPE)

Always wear close fitting clothing and safety equipment designed for the job.

Chemicals can be harmful to humans, appropriate PPE should be used when handling chemicals. Always refer to the chemical manufacturers label for guidelines on the appropriate PPE to use with the chemicals you are using.

Pathway/Goldacres also suggest that you read and understand the following Australian standards:

- Australian Standard for Chemical protective clothing AS3765
- Australian Standard for Respiratory protection devices AS1715

Air borne particles

Always stand well clear of equipment during operation. Any spray drift is dangerous and may be hazardous to humans and animals.

Fluids under pressure

Do not disconnect any hoses, nozzles or filters while equipment is operating. Disconnecting these components while under pressure may result in uncontrolled fluid discharge which may be hazardous.

When the repair is complete ensure that all fittings and lines are secured before re-applying pressure.

Safety Decals

Understanding safety decals and their purpose assists in the safe operation of your sprayer. Safety decals are there for your protection and it is the responsibility of the owner operator to replace damaged and/or missing safety decals.

Regularly review safety decals with operators. It is very important to ensure that all new machine components and replacement parts include current hazard identification decals.

Replacement safety decals can be ordered from all Pathway/Goldacres dealers.

Chapter 3

GENERAL INFORMATION & SPECS

Spotmate & Traymate Overview

Paint Colours:
Steel work: G13 Dark Green

Tank:
All tanks are constructed from UV resistant polyethylene. Polyethylene tanks have a very high chemical resistance.

Due to the rotomoulding process, there can be a variance in the overall dimensions of the tank which in turn results in variations to the tank capacity. For this reason, any calibration markings should be used as a guide only.

Filtration:
Filtration is a critical part of the sprayer's performance.

Spotmate and Traymate sprayers are fitted with an inline suction strainer. It is important that the strainer is cleaned out regularly.

Pump:
The pump is critical to any sprayer performance. Correct operation and maintenance of the pump will ensure the sprayer is able to perform to its capabilities. Make sure the pump wires are connected up to the correct terminals (red to positive, black to negative).

Always flush pump with clean water after every use. Prolonged chemical contact can severely damage valves, diaphragms and seals.

Do not leave water in pump if sprayer is to be left in a cold environment. The water may freeze and cause damage to pump. Empty pump of all water and cover the pump to ensure this situation does not arise. If this has not been done, and there is a possibility there may be frozen water in the pump, wait until any ice has thawed before using the pump.

The 12 volt pumps are positive displacement diaphragm pumps which provide delivery upon demand.

They are self-priming and are fitted with a pressure switch which senses the outlet pressure of the pump. The pressure switch turns the electrical power off to the pump at a pre-determined high pressure point.

As the outlet side of the pump is opened, the pressure starts to drop and at a pre-determined point (typically 40-75 psi) contacts in the switch will lose causing the pump to start automatically. The pump will then pump until the pressure reaches the shut-off pressure point.

CAUTION:
Do not adjust the pressure switch out so that the pumping pressure exceeds the maximum pressure for the pump.

If the flow demand is very low, the pump may reach this high pressure point and cause "cycling" (pump turns on and off rapidly).

This is not a problem unless the pump is subject to continuous cycling within two second intervals for long periods of time. Altering the setting of the pressure switch, or adjusting the agitation ball valve so that there is some bypass back to the tank and altering the adjustable conejet nozzle on the gunjet will all remedy this situation, depending on what is most suitable.

Chemical Induction:
Chemical should be put into the main tank through the main tank lid. It is important to ensure that chemical is thoroughly mixed prior to spray application.

Booms:
Booms are available for connection as an option.

Nozzles:
As information regarding nozzles is specific to those being used in your application, no specific reference is made to nozzle application rates or nozzle types in

this operator's manual. Goldacres suggest the use of a current TeeJet nozzle selection catalogue for reference to nozzle sizes, outputs, spray patterns and general spraying information.

For more technical information on the function of spray nozzles and factors affecting their performance you can also use the TeeJet "User's guide to spray nozzles".

The nozzles supplied with this equipment may not suit all chemical applications. Always ensure that the nozzles fitted match the recommended spray quality on the chemical label.

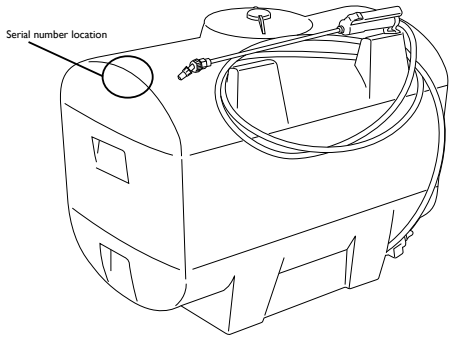
The TeeJet nozzle selection catalogue and Users guide to spray nozzles are available from Goldacres dealers, or as a free download from the TeeJet website: www.teejet.com

Custom built equipment:
Where the owner of this sprayer has requested that custom built equipment or options be fitted to this sprayer it is necessary to understand that custom fabrication and engineering is subject to many variables. Goldacres cannot fully field test all custom built options prior to despatch, and owners of new sprayers fitted with custom built equipment or options need to understand that the functionality of these items may require refining in order to operate as desired.

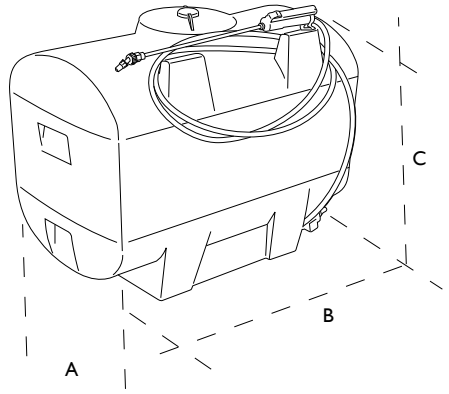
Optional Equipment:
An extensive range of optional equipment is available for fitting to Goldacres sprayers. Specific information regarding optional equipment fitted to your machine can be found in the rear of this manual.

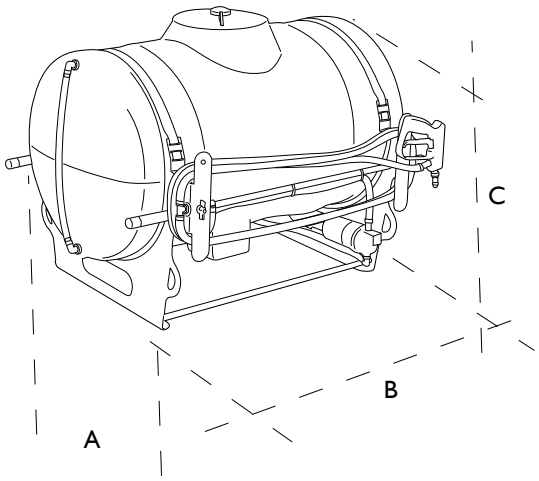
Identification

When ordering parts or requesting service information for your sprayer it is important to quote the serial number of your machine, and the purchase date, in order to receive accurate information. The location of the serial number is shown in the picture. This number is stamped into the tank.



Dimensions





Spotmate dimensions

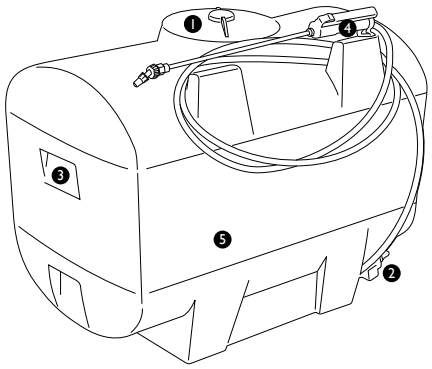
Model	A	B	C	Weight
20lt	500	300	300	
50lt	900	350	350	
100lt	850	500	680	
200lt	850	500	410	
450lt	1000	950	700	

Traymate dimensions

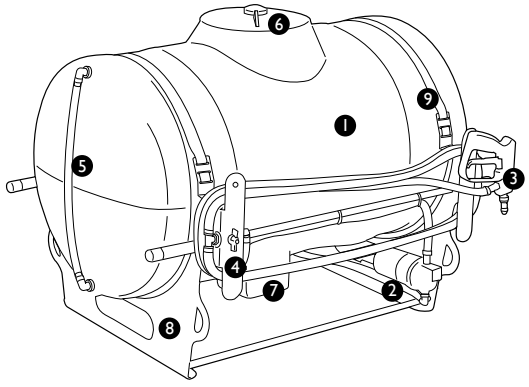
Model	A	B	C	Weight
100lt	970	460	550	
120lt	560	500	700	
200lt	950	700	750	
300lt	950	700	950	
400lt	1150	900	900	

Please note: Dimensions are approximate only and may be subject to change without notice.

Key features



Number	Description
1	Tank lid
2	Pump
3	Carry handle
4	Triggerjet lance
5	Main tank



Number	Description
1	Main tank
2	Pump
3	Gunjet
4	Bypass ball valve
5	Tank level gauge
6	Tank lid
7	Main tank drain
8	Support cradle

Chapter 4

OPERATION

Connections

The following steps should be followed when connecting to a power source:

1. Ensure that the battery is 12V DC
2. Connect the red connector to the positive (+) terminal and the black connector to the negative (-) terminal.

Filling

When filling the sprayer it is necessary to use an external water source and wear the appropriate PPE.

The following steps should be followed when filling the tank:

1. Turn the pump off
2. Remove the tank lid
3. Add chemical as required. When filling with water, after adding the chemical, some agitation will take place.
4. Use external water source to fill main tank (Do not exceed the tank capacity)
5. Replace the tank lid and ensure that it is secure prior to switching on pump. You are now ready to use the sprayer.

Calibration

All sprayers need to be calibrated and kept in good condition. This will ensure that the correct rate of chemical is applied to the target.

Follow these steps to calibrate the sprayer:

1. Measure the spray width of the nozzle on a dry surface (in metres)
2. Spray a test area at the intended pressure and speed. Record distance (in metres) covered in one minute (minute)
3. Measure the nozzle output in litres over one minute in a measuring jug (l/min)

The spray volume can be calculated by the following formula:

$$\text{Application rate (L/Ha)} = \frac{\text{Nozzle output (l/min)} \times 10{,}000}{\text{Spray width (m)} \times \text{speed (m/min)}}$$

Spray Application

After completing the filling process, you are now ready to start spraying.

NOTE: It is the responsibility of the operator to ensure that the chemical mix is sufficiently agitated and that the conditions are right to start spraying. Operators must wear the appropriate PPE.

1. Switch "On" pump
2. Allow pump to build pressure
3. Engage the trigger on the spray lance to start spraying
4. Adjust the nozzle pattern as required by rotating the nozzle in the appropriate direction as required
5. Use a consistent speed or swath pattern to ensure even coverage of the target, or adjust the method of application according to your target.

Agitation

Agitation should take place when filling or through another method as deemed suitable by the operator.

Flushing

The following information is provided as a general guide for flushing your sprayer after a spray application.

For more specific information regarding flushing, and decontamination, specific to the products that you are applying, it is recommended that you consult the chemical label or your chemical supplier.

1. Turn pump off
2. Drain main tank by removing drain plug
3. Add a quantity of fresh water to main tank and allow to drain through plug.
4. Replace plug and add a quantity of fresh water, and decontaminating agents if required, to main tank.
5. Turn on pump, and spray fresh water through the lance. This will ensure that fresh water has circulated through the pump and lance.
6. Drain remaining contents of fresh water and replace tank drain plug. The sprayer is now ready for storage.

Storage

If the sprayer is to be stored for a long period of time without use, there are several tasks that need to be performed.

1. Clean the sprayer thoroughly as described under "flushing"
2. Store the sprayer out of direct sunlight and where it will not be affected by frosts
3. Ensure that the main tank is empty
4. Protect hoses and electrical connections

Chapter 5

MAINTENANCE & TROUBLESHOOTING

Troubleshooting

The troubleshooting information is provided as a reference when your sprayer is not functioning correctly.

To ensure that you receive the best possible service, it is recommended that you exhaust all applicable troubleshooting solutions shown prior to calling your dealer, or Pathway/Goldacres, for service advice.

Problem	Possible Cause	Possible Remedy
Pump not priming	• Valves damaged • Restriction in suction line • Restriction in delivery line • Diaphragm damaged	• Check, clean and/ or replace valve kit • Check suction line • Check delivery line • Replace diaphragm
Pulsating liquid flow	• Pump switching on and off due to pressure switch • Pump sucking air	• Alter settings of the pressure switch • Alter the adjustable conejet nozzle • Restricted pump delivery • Check suction line
Pump pressure lower than expected	• Suction filter screen blocked • Restriction in suction line • Valves damaged • Diaphragm damaged • Pump sucking air • Insufficient voltage	• Clean screen • Check hoses, fittings and tank outlet • Check/or replace valve kit • Check/or replace diaphragm • Check suction line • Check power supply
Pump stopping and starting when not in use	• Valves damaged • Insufficient voltage • Damaged diaphragm	• Check valves • Check power supply • Check/or replace diaphragm

Gunjet and Triggerjet Information

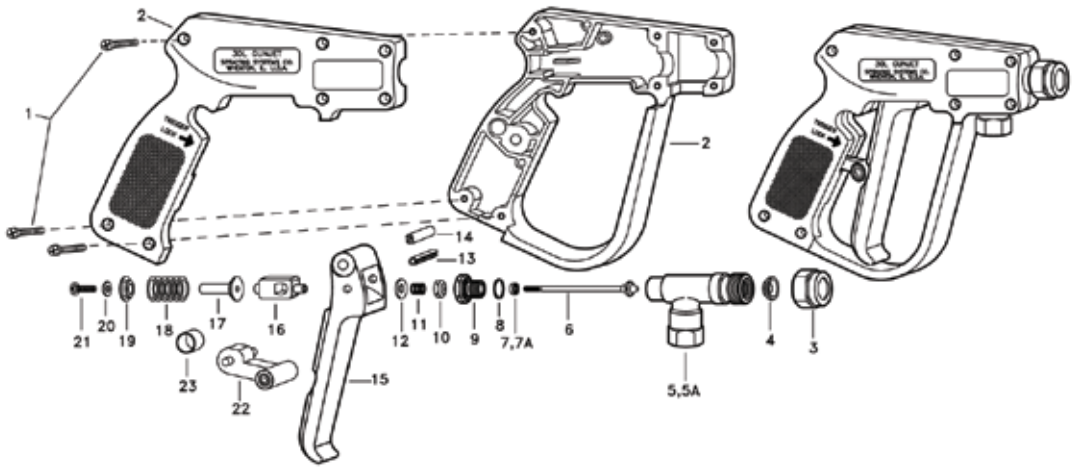
Triggerjet spray gun

The model 38700 Triggerjet spray gun is a lightweight spray gun designed for use with low pressure spraying systems. The Triggerjet is made of moulded polypropylene for excellent chemical resistance and durability.

Features:

- 381mm extension
- Replaceable internal working components
- Locking valve in open position for contiuous flow
- Accepts all standard spray tips and strainers

AA30L Gunjet



ITEM	PART NO.	DESCRIPTION
1	CP17103-IZP	Zinc-Plated Steel Screw
2	CP19684-1-NYB	Right and Left Hand Nylon Housing Set
3	CP7890-INP	Nickel-Plated Steel Cap
4	CP7490-BRTF	Brass and Teflon Valve Seat Assy.
5	CP22136	Brass Inlet Body
6	CP22137-BR302S	Brass and Stainless Steel Stem Assy.
7	CP14255-1-AL	Buna Packing Cup
8	CP19812-AL	Aluminium Gasket
9	CP19811	Brass Packing Screw
10	CP7484-INP	Nickel-Plated Steel Stem Nut
11	CP7489-SS	Stainless Steel Trigger Stop Spring
12	CP7622-IZP	Zinc-Plated Steel Washer
13	CP17720-420SS	Stainless Steel Roll Pin
14	CP19820-420SS	Stainless Steel Roll Pin
15	CP17703-FRP	Fibreglass Reinforced Polyester Trigger
16	CP19810	Brass Trigger Guide
17	CP19815	Brass Spring Guide
18	CP22138-302SS	Stainless Steel Spring
19	CP19816	Brass Spring Retainer
20	CP19819-SS	Stainless Steel Washer
21	CP19818-IZP	Zinc-Plated Steel Screw
22	CP19806-FRP	Fibreglass Reinforced Polyester Trigger Lock
23	CP19805-CE	Celcon Lock Spring Ring
4, 6, 7, 8, 18	AB30L-KIT	AA30L Gunjet repair kit

Adjustable Conejet Nozzle

The adjustable brass ConeJet nozzle rotates through a half turn to provide spray selection from wide angle, finely atomized cone spray to a straight stream spray.

Tip settings "A" and "B" represent two extreme points of rotation in tip adjustment.

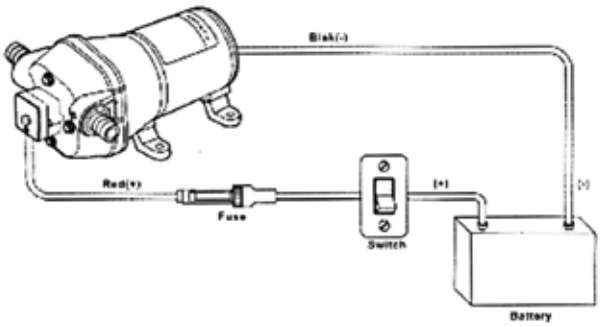
ADJUSTABLE CONJET TIP NO.	PERFORMANCE	LIQUID PRESSURE (bar)							
		1.5		2		3		4	
		A	B	A	B	A	B	A	B
5500-X18	Capacity—l/min	0.79	2.61	0.98	3.18	1.14	3.67	1.40	4.54
	Spray angle °	71	-	75	-	77	-	78	-
	Max throw m	1.2	11.6	1.2	12.8	1.2	13.3	1.2	13.0
5500-X22	Capacity—l/min	0.98	3.14	1.21	3.79	1.40	4.54	1.70	5.30
	Spray angle °	71	-	75	-	78	-	79	-
	Max throw m	1.2	11.7	1.40	13.0	1.5	13.6	1.5	13.2
5500-X26	Capacity—l/min	1.17	3.71	1.40	4.54	1.63	5.30	2.01	6.43
	Spray angle °	72	-	76	-	78	-	79	-
	Max throw m	1.4	11.6	1.5	13.1	1.5	13.7	1.7	13.3

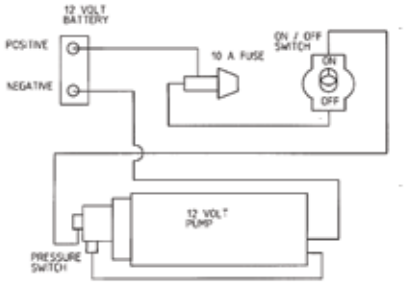
Pump Diagrams

12v Pump wiring diagram

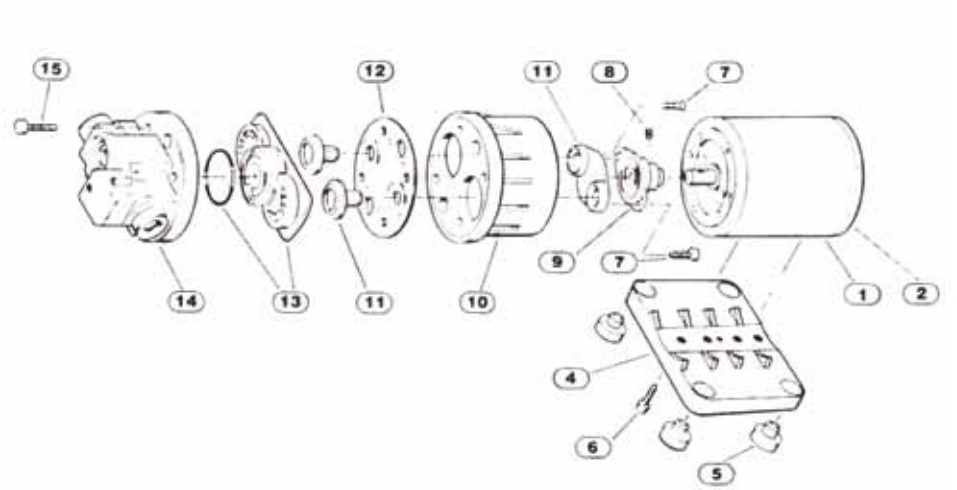
Important: Use 14 gauge stranded wire up to 6 metres from power source and 12 gauge up to 18 metres from power source.

Connect Red to Positive (+) terminal and Black to Negative (-) terminal.



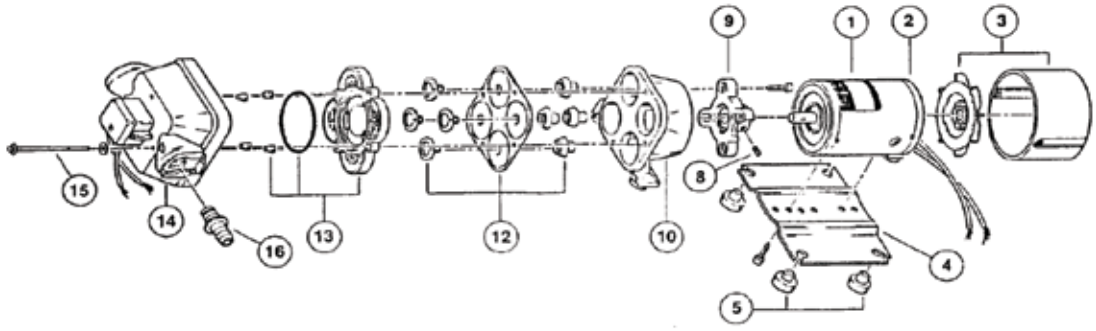


Flojet 7.6 lt/min 70 psi



Pos. No.	Part Number	Description
1	02009 -004	12 v motor DC
2	29115 -116	Brush Endbell Assy. (DC)
4	11028 -101	Baseplate Assy. Plastic (Inc. # 5 & # 6)
5	20132 -000	Grommets
6	20131 -002	Baseplate screws
7	Only in kit	Screw
9	Only in kit	Cam bearing
10	20428 -100	Bearing cover Polypro
11	Only in kit	Piston
12	21010 -004	Diaphragm kit
13	20028 -008	Valve kit
14	20316 -011	Upper housing / Switch assy.
15	20131 -001	Pump screws
*	2095 -100	Pressure switch

Flojet 14lt/min 45 psi



Position No	Part Number	Description
2	20097 -001	Brush Kit
3	20132 -005	Fan Shroud Kit
4	11028 -101	Baseplate Assy Kit
5	20132 -000	Grommet Kit
9	20400 -002	Cam Bearing Kit
10	20401 -000	Bearing Cover
12	20403 -040	Diaphragm Kit
13	20407 -020	Valve Kit
14	20404 -007	Upper Housing
16	20381 -009	Hose Barb Elbow 1/2"
16	20381 -015	Hose Barb 1/2"
17	2095 -100	Pressure Switch

www.goldacrespathway.com.au